

# PATENT COOPERATION TREATY

*Calendar*  
*28 mo. 3/03*  
*with 12 please*  
**PCT**

From the INTERNATIONAL SEARCHING AUTHORITY

To:  
UNISYS CORPORATION  
Attn. Starr, Mark T.  
Township Line and Union Meeting Roads  
Blue Bell, Pennsylvania 19424-0001  
UNITED STATES OF AMERICA

NOTIFICATION OF TRANSMITTAL OF  
THE INTERNATIONAL SEARCH REPORT  
OR THE DECLARATION

JAN 22 2003 (PCT Rule 44.1)

Patent Department

Date of mailing  
(day/month/year) 16/01/2003

Applicant's or agent's file reference

PCT 9/707433

*Larremat*

FOR FURTHER ACTION See paragraphs 1 and 4 below

International application No.

PCT/US 01/45604 ✓

International filing date  
(day/month/year)

02/11/2001

Applicant

UNISYS CORPORATION

1. ☒ The applicant is hereby notified that the International Search Report has been established and is transmitted herewith.

**Filing of amendments and statement under Article 19:**

The applicant is entitled, if he so wishes, to amend the claims of the International Application (see Rule 46):

**When?** The time limit for filing such amendments is normally 2 months from the date of transmittal of the International Search Report; however, for more details, see the notes on the accompanying sheet.

*by 3/16/03*  
*or*  
*any time*

**Where?** Directly to the International Bureau of WIPO  
34, chemin des Colombettes  
1211 Geneva 20, Switzerland  
Fascimile No.: (41-22) 740.14.35



For more detailed instructions, see the notes on the accompanying sheet.

2. ☐ The applicant is hereby notified that no International Search Report will be established and that the declaration under Article 17(2)(a) to that effect is transmitted herewith.

3. ☐ With regard to the protest against payment of (an) additional fee(s) under Rule 40.2, the applicant is notified that:

☐ the protest together with the decision thereon has been transmitted to the International Bureau together with the applicant's request to forward the texts of both the protest and the decision thereon to the designated Offices.

☐ no decision has been made yet on the protest; the applicant will be notified as soon as a decision is made.

4. **Further action(s):** The applicant is reminded of the following:

Shortly after **18 months** from the priority date, the international application will be published by the International Bureau. If the applicant wishes to avoid or postpone publication, a notice of withdrawal of the international application, or of the priority claim, must reach the International Bureau as provided in Rules 90bis.1 and 90bis.3, respectively, before the completion of the technical preparations for international publication.

Within **19 months** from the priority date, a demand for international preliminary examination must be filed if the applicant wishes to postpone the entry into the national phase until 30 months from the priority date (in some Offices even later).

Within **20 months** from the priority date, the applicant must perform the prescribed acts for entry into the national phase before all designated Offices which have not been elected in the demand or in a later election within 19 months from the priority date or could not be elected because they are not bound by Chapter II.

*Deferred*  
*filed*  
*5/5/02*

Name and mailing address of the International Searching Authority



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Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,  
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Authorized officer

Jacinta Reddy

RECEIVED

JAN 22 2003

PATENT DEPARTMENT

## INTERNATIONAL SEARCH REPORT

International Application No

PCT/US 01/45604

## A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 G07D7/00

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 G07D

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	EP 0 600 646 A (PITNEY BOWES) 8 June 1994 (1994-06-08) abstract; claims 1,12,15,16,18,19; figure 2 column 1, line 33 -column 2, line 2 column 2, line 10 - line 19 column 2, line 38 -column 3, line 10 column 4, line 1 -column 5, line 24 ---	1-72
Y.	US 6 073 121 A (RAMZY EMIL Y) 6 June 2000 (2000-06-06) abstract; claims 1,2; figures 2,3,5,6 column 2, line 20 - line 27 column 3, line 13 - line 43 column 3, line 48 - line 55 column 3, line 62 -column 4, line 16 column 4, line 51 - line 56 column 5, line 6 - line 18 ---	1-117
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☒ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

## \* Special categories of cited documents

\*A\* document defining the general state of the art which is not considered to be of particular relevance

\*E\* earlier document but published on or after the international filing date

\*L\* document which may throw doubts on priority claims or which is cited to establish the publication date of another citation or other special reason (as specified)

\*O\* document referring to an oral disclosure, use, exhibition or other means

\*P\* document published prior to the international filing date but later than the priority date claimed

\*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

\*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

\*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

\*Z\* document member of the same patent family

Date of the actual completion of the international search

3 January 2003

Date of mailing of the international search report

16/01/2003

Name and mailing address of the ISA

European Patent Office, P.O. Box 1, 5101 Patentlaan 2  
NL - 2280 HV Rijswijk  
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Authorized officer

Rother, S

## INTERNATIONAL SEARCH REPORT

International Application No

PCT/US 01/45604

## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 5 812 664 A (BERNOBICH ELIZABETH ET AL) 22 September 1998 (1998-09-22) abstract; claims 1,2,4,11-14; figure 1 column 5, line 8 - line 30 ----	1-117
A	EP 0 286 378 A (LIGHT SIGNATURES INC) 12 October 1988 (1988-10-12) abstract; figure 4 column 8, line 39 -column 9, line 10 ----	1-72
A	EP 0 889 448 A (PITNEY BOWES) 7 January 1999 (1999-01-07) abstract; claim 1; figure 1 column 2, line 15 -column 3, line 5 ----	1-72
A	EP 0 710 934 A (AT & T CORP) 8 May 1996 (1996-05-08) the whole document -----	

# INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/US 01/45604

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
EP 0600646	A	08-06-1994	US 5388158 A	07-02-1995
			CA 2109554 A1	21-05-1994
			DE 69329447 D1	26-10-2000
			DE 69329447 T2	01-03-2001
			EP 0600646 A2	08-06-1994
			JP 7005809 A	10-01-1995
US 6073121	A	06-06-2000	NONE	
US 5812664	A	22-09-1998	NONE	
EP 0286378	A	12-10-1988	US 4807287 A	21-02-1989
			CA 1290851 A1	15-10-1991
			EP 0286378 A2	12-10-1988
EP 0389448	A	07-01-1999	EP 0889448 A2	07-01-1999
EP 0710934	A	08-05-1996	US 6363483 B1	26-03-2002
			CA 2158295 A1	04-05-1996
			EP 0710934 A2	08-05-1996
			JP 8249510 A	27-09-1996

## NOTES TO FORM PCT/ISA/220

These Notes are intended to give the basic instructions concerning the filing of amendments under article 19. The Notes are based on the requirements of the Patent Cooperation Treaty, the Regulations and the Administrative Instructions under that Treaty. In case of discrepancy between these Notes and those requirements, the latter are applicable. For more detailed information, see also the PCT Applicant's Guide, a publication of WIPO.

In these Notes, "Article", "Rule", and "Section" refer to the provisions of the PCT, the PCT Regulations and the PCT Administrative Instructions respectively.

### INSTRUCTIONS CONCERNING AMENDMENTS UNDER ARTICLE 19

The applicant has, after having received the international search report, one opportunity to amend the claims of the international application. It should however be emphasized that, since all parts of the international application (claims, description and drawings) may be amended during the international preliminary examination procedure, there is usually no need to file amendments of the claims under Article 19 except where, e.g. the applicant wants the latter to be published for the purposes of provisional protection or has another reason for amending the claims before international publication. Furthermore, it should be emphasized that provisional protection is available in some States only.

#### What parts of the International application may be amended?

Under Article 19, only the claims may be amended.

During the international phase, the claims may also be amended (or further amended) under Article 34 before the International Preliminary Examining Authority. The description and drawings may only be amended under Article 34 before the International Examining Authority.

Upon entry into the national phase, all parts of the international application may be amended under Article 28 or, where applicable, Article 41.

#### When?

Within 2 months from the date of transmittal of the international search report or 16 months from the priority date, whichever time limit expires later. It should be noted, however, that the amendments will be considered as having been received on time if they are received by the International Bureau after the expiration of the applicable time limit but before the completion of the technical preparations for international publication (Rule 46.1).

#### Where not to file the amendments?

The amendments may only be filed with the International Bureau and not with the receiving Office or the International Searching Authority (Rule 46.2).

Where a demand for international preliminary examination has been/is filed, see below.

#### How?

Either by cancelling one or more entire claims, by adding one or more new claims or by amending the text of one or more of the claims as filed.

A replacement sheet must be submitted for each sheet of the claims which, on account of an amendment or amendments, differs from the sheet originally filed.

All the claims appearing on a replacement sheet must be numbered in Arabic numerals. Where a claim is cancelled, no renumbering of the other claims is required. In all cases where claims are renumbered, they must be renumbered consecutively (Administrative Instructions, Section 205(b)).

The amendments must be made in the language in which the international application is to be published.

#### What documents must/may accompany the amendments?

##### Letter (Section 205(b)):

The amendments must be submitted with a letter.

The letter will not be published with the international application and the amended claims. It should not be confused with the "Statement under Article 19(1)" (see below, under "Statement under Article 19(1)").

The letter must be in English or French, at the choice of the applicant. However, if the language of the international application is English, the letter must be in English; if the language of the international application is French, the letter must be in French.